

ABSTRACT

A refrigerator has a refrigerating cycle sequentially connecting a compressor (20) for varying the capacity, a condenser (27), a drawing mechanism, and an evaporator (14, 16) in the body (1) thereof and using a hydrocarbon cooling medium as a refrigerant, drives the compressor (20) by high speed rotation after the power is turned on (S3), and switches the compressor (20) to the normal control (S5) after a predetermined period of time elapses (S4). A refrigerator has a refrigerating cycle sequentially connecting a compressor (20), a condenser (27), a drawing mechanism, an evaporator (14, 16), and an accumulator (34) and so on, an inlet temperature sensor (55) and an outlet temperature sensor (56) for detecting the temperatures of the inlet and outlet of the evaporator (14, 16), and a cooling fan for cooling the compressor (20), and when the difference between the temperature detected by the inlet temperature sensor(55) and the temperature detected by the outlet temperature sensor (56) is a predetermined value or more (S14), stops the cooling fan (19)(S16). Even if a hydrocarbon cooling medium which is charged in a small amount and soluble particularly in refrigeration machine oil is used, a refrigerator having high

initial cooling performance, such as, after turning on power is obtained. A refrigerator for preventing the defective cooling due to the sleeping of a refrigerant staying in the compressor (20) and condenser (27) is obtained.